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LOYS. 6 Mar 61, 2p. AID rept. 61-25; AD-254 394.
Order from OTS or SLA \$1.10 61-19627

Abstract trans. of Akademiya Nauk SSSR. Otdeleniye
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livo, 1960, no. 5, p. 137-141.

DESCRIPTORS: *Nickel alloys, *Chromium alloys,
*Tungsten alloys, *Titanium alloys, *Aluminum alloys,
Heat resistant alloys

The alloy studied was of constant Cr, W, and Ti con-
tent (not specified) and varying aluminum and (in-
versely) nickel content (0 to 16%). The solubility of
aluminum in nickel-base solid solution was found to de-
crease with decreasing temperature. At 1200°C solu-
bility was 5.5% at 1100°C, 4.2% at 1000°C, 3% and
(Metallurgy, TT, v. 6, no. 4) (over)

61-19627

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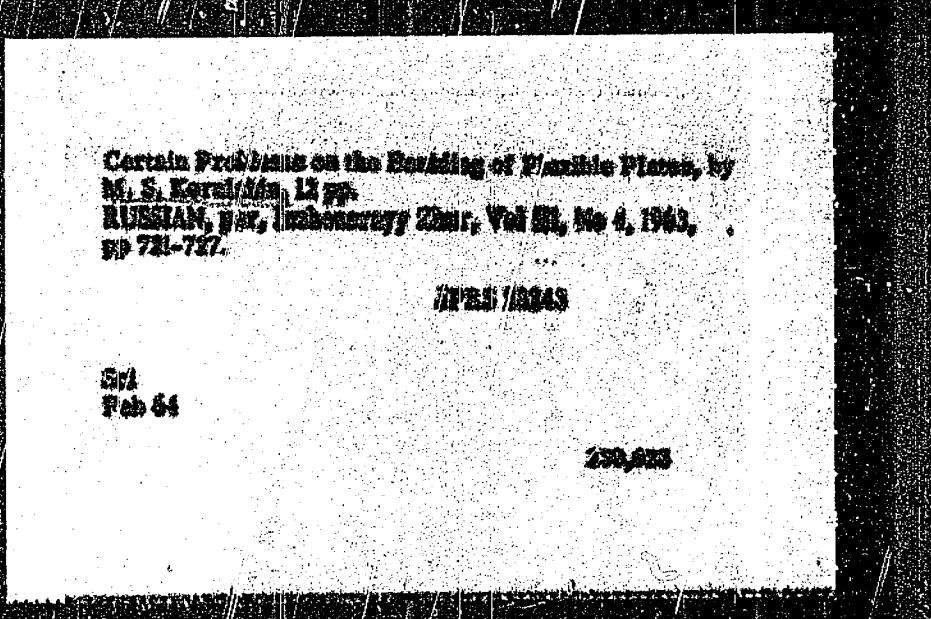
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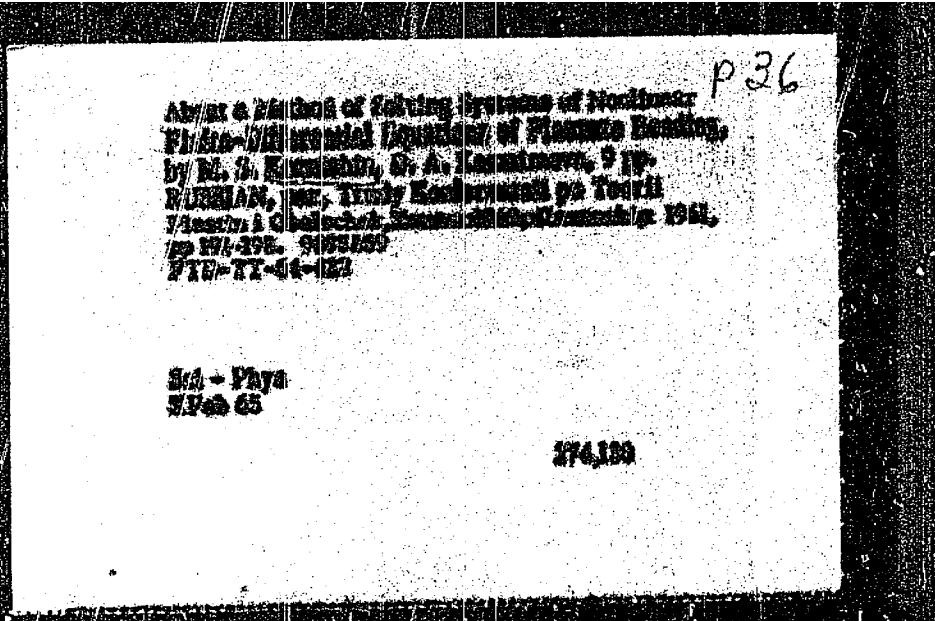
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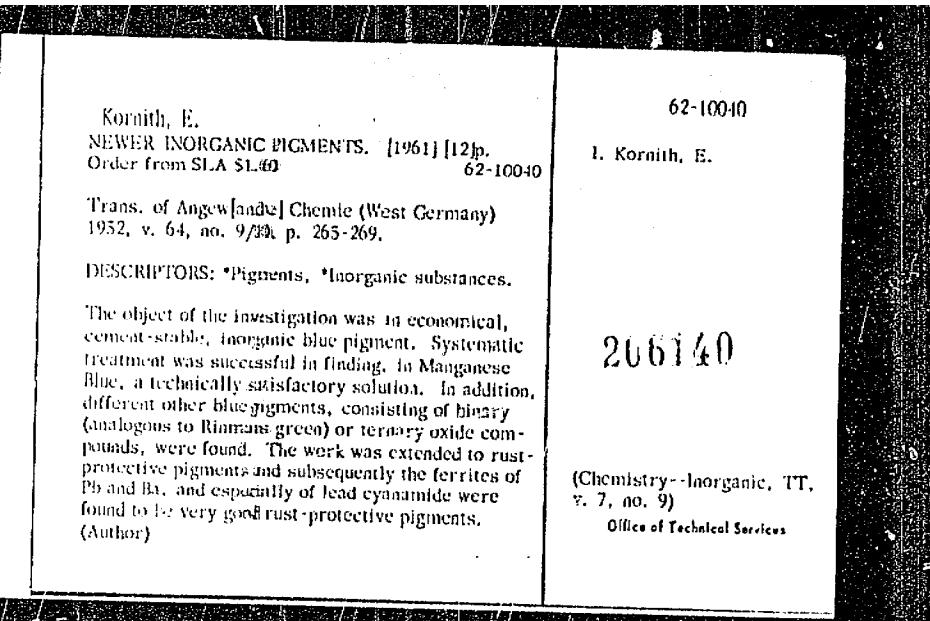
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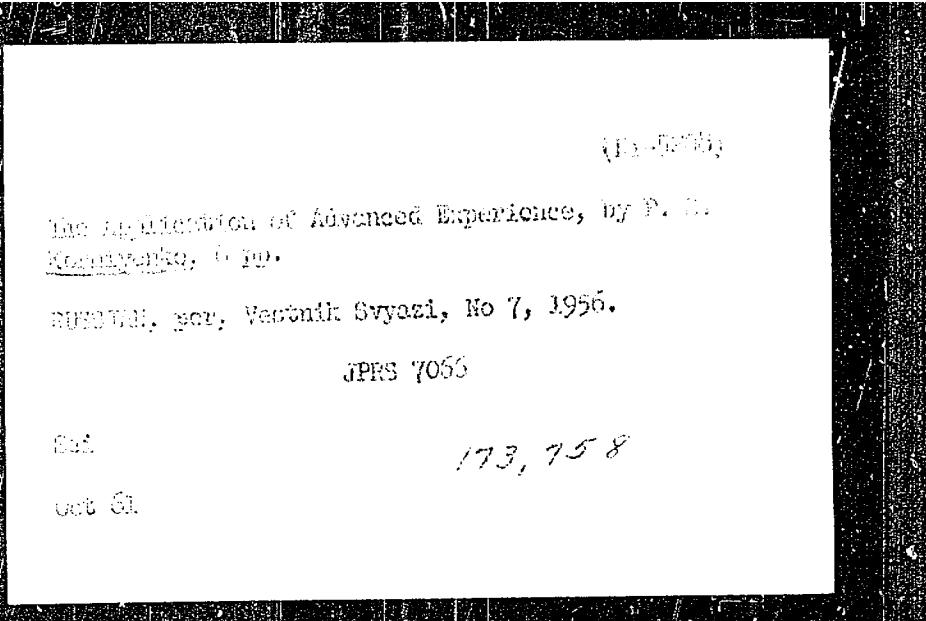
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